Session Program

1–6 Jul 2025

MT29 Abstracts and Technical Program

Thu-Mo-Po.10 - Modelling of Fusion Conductors and Coils II

Omni Boston Hotel at the Seaport
450 Summer Street Boston, MA 02210

Thursday 3 July

08:45

Thu-Mo-Po.10 - Modelling of Fusion Conductors and Coils II

Poster Session | **Location:** Ensemble Ballroom, Level 2

Thu-Mo-Po.10-08: A simulation tool for managing geometrical requirements of tokamak toroidal magnet system

Speakers
Ms Francesca Giovanna Lanzotti, Mr Gabriele D'Amico

Thu-Mo-Po.10-01: Influence of winding pitches on dynamic resistance of CICC consisting of quasi-isotropic strands

Speakers
Wei Pi, Lingfeng Zhu

Thu-Mo-Po.10-02: Transport current loss modeling for a twisted-stacked-tape cable

Speaker
Philip C. Michael

Thu-Mo-Po.10-03: J-A-φ formulation with homogenizing technique used to efficiently model HTS cable-in-conduit.

Speakers
Bárbara Santos, Gabriel dos Santos, Gianluca De Marzi

Thu-Mo-Po.10-04: Optimization of coupling loss in HTS sector-shaped conductors

Speaker
Giordano Tomassetti

Thu-Mo-Po.10-05: Preliminary Quench Analysis on HTS Stacks-In-Conduit Conductors for Fusion Toroidal Field Coils

Speaker
Dr Geonwoo Baek

Thu-Mo-Po.10-06: 3D Electro-Thermal Modelling of Quench in Slotted Core ReBCO Cables for Fusion Tokamaks

Speaker
Gabriele Colombo

Thu-Mo-Po.10-07: Study of CORC@ conductors with respect to individual tapes properties

Speaker
Alexandre Torre

10:45